

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION		
Project Title: Cipriano Tank		Project No. 10-404
Region/GMU: 40B	HPC:	
Project Type: Water Development		
Project Description: Add additional storage capacity next to the original project. Wildlife Species to Benefit: Bighorn sheep will benefit from added water availability in this area of the Gil Mountains.		
Possible Funding Partners: ADBSS, YVR&GC		
Implementation Schedule: April 2011 Beginning: January 2011 Completed: January 2012	NEPA Compliance: (if applicable) Completed: Yes ___ No <u>X</u> Projected Completion Date: January 2010	
PROJECT FUNDING		
SBG Funds Requested: \$13,875 Cost Share Funds: \$5,500 Total Project Costs: \$19,375		
PARTICIPANT INFORMATION		
Applicant: John Hervert (please print) Telephone: 928-341-4041	Address: 9140 E. 28 th Street, Yuma	
AGFD Contact and Phone No. (If applicant is not AGFD personnel)		
Coordinated with: Ed Jahrke	Date: 8-30-10	
Applicant's signature:	Date:	

SEND COMPLETED APPLICATIONS TO:

Game Branch
 AZ Game and Fish Dept.
 5000 W. Carefree Highway
 Phoenix, AZ 85086

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES X NO _____

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?

No.

NEED STATEMENT/PROBLEM ANALYSIS:

The original storage system is too small (3,600-gallons) and typically requires water hauling to prevent the system from going dry during recent prolonged periods of drought. This area of the Gila Mountains is very arid and bighorn will benefit from increase water quality due to the enhanced storage volume. A walk-in drinker can become fouled with organic matter, particularly when the system is below 25%. Adding additional storage will reduce the likelihood that bighorn will be forced to drink from a fouled water trough.

PROJECT OBJECTIVES:

Reduce the likelihood helicopter water hauling will be required in the future by adding underground storage system, and collecting point.

PROJECT STRATEGIES:

Bury PVC pipe, and a collecting point next to Cipriano Tank using volunteer labor.

PROJECT LOCATION: 32⁰ 26.363' 114⁰ 09.343'

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name): Barry Goldwater Range, USMC.

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

HABITAT DESCRIPTION:

Sonoran Desert, Lower Colorado Subdivision.

ITEMIZED USE OF FUNDS:

Purchase PVC pipe (24 inch), caps, concrete, and misc. plumbing = \$7375.

Helicopter transport of materials (not personnel) = \$6,500

Twenty volunteers to dig the trench and backfill the pipe, two trailers to haul materials and supplies to the site, volunteer mileage = \$5,500.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

ADBSS volunteers or YVR&GC, volunteers from MCAS (Marines).

PROJECT MONITORING PLAN:

Scott Fisher will maintain the new system according to Region IV maintenance protocol. Checked monthly during the summer season and at least once during the cool season.

PROJECT MAINTENANCE:

Minor maintenance such as cleaning the silt trap, removing organic matter and measuring the water level will be accomplished by Scott.

PROJECT COMPLETION REPORT TO BE FILED BY:

Scott Fisher, Wildlife Manager 40B

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):

ARIZONA GAME AND FISH DEPARTMENT **WATER DEVELOPMENT WORKSHEET**

PROJECT NAME: Cipriano Tank

- 1) **Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"** Yes.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
Ed Jahrke, Spring 2009.
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
X 2-4 4-6 6-8 8-10 10-12 12-14 14-16 >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**
 X YES (please complete #5 below) NO (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**
Name of water source: Dart Tank.
Type of water source (catchment, spring, dirt tank, etc.):
Ownership of water source:
Distance in miles from project: 3.5
- 6) **Is the target wildlife species a result of transplant efforts?** YES X NO
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner. Department of Defense, USMC.**
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): X 2x4 vehicles 4x4 only foot only**
**If foot access only: Distance in miles: Approx. hiking time:

-- Does access to this site require crossing private or tribal lands? YES X NO

-- Please describe any restrictions to public access: MCAS access required. Call for clearance. Open to hunting.
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

24 inch PVC pipe, 9 sticks for an estimated capacity of 4230-gallons.

- 10) **Was a site visit completed?** X Yes No

If Yes, please list personnel that attended and date. MCAS archeologist on April, 2009; Biologist Bobby Law on 8-11-10.